

akasa

Scala

HD Media Player

USER MANUAL



Full HD
1080

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1 Before you start

1.1 *Safety notices*

1. Caution during HDD installation: Always unplug the power cable before inserting Hard Drive. Electrostatic discharge (ESD) can damage system components. If an ESD-controlled workstation is not available, wear an antistatic wrist strap or touch an earthed surface before handling the HDD or SSD.
2. A power supply with a different voltage will damage the product and void its warranty.
3. Keep this equipment away from humidity or any type of moisture.
4. DO NOT drop /shake the device or put any weight on top of it.

1.2 *Warranty*

Warranties extend only to defects that occur during normal use and do not extend to damage to products that results from incompatibility, abuse, misuse, negligence, unauthorized repair, modification, incorrect installation, incorrect voltage supply, air/water pollution, any accident or natural disasters. The warranty extends only on Akasa enclosure and does not cover a defective HDD, TV, router etc. as a result of a defective media player or the power adapter. Keep your original sales receipt in a safe place. Nothing herein should be construed as constituting an additional warranty.

1.3 Specification

■ Connections

Video Output	Composite Out
	HDMI 1.3 Out
Audio Output	Audio Out L/R
	SPDIF(Optical)
File transfer port	2 x USB 2.0 Host port
Date transfer with PC	USB 2.0 mini port
Ethernet	10/100Mbps RJ-45

■ Optional wireless dongle

Wireless USB Dongle WI-FI 802.11g	AK-NTWF01
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Note: Please note that only certain USB dongle will work with this device.

■ Media format support

Video Decoding (Movie)	DivX 3/4/5/6,Xvid	AVI / MKV
	H.264, AVC	TS / AVI / MKV / MOV / M2TS
	MPEG-1	MPG / MPEG / DAT
	MPEG-2	MPG / MPEG / VOB / ISO / IFO / TS / TP / M2TS
	MPEG-4	MP4 / AVI / MOV
	WMV9	WMV
	FLV	FLV (Support up to 352x288)
	Real Video 8/9/10	RM/RMVB (Support up to 720p)
Audio Decoding (Movie)	Dolby Digital AC3/Plus/TrueHD 5.1ch, DTS/HD Master Audio 7.1ch MPEG-I Layer 1/2/3,MPEG-II Layer 1/2, MPEG4 HE AACv2, Real Audio, AAC, LPCM HDMI RAW/SPDIF RAW	
Audio Decoding (Music)	WMA, MP3, Real Audio (RA), WAV, OGG, AAC, FLAC, ASF, M3U, MKA, MP4	
Picture Format	JPG, JPEG, BMP, PNG, GIF, TIFF	
Subtitle	SRT, SUB, SMI, IDX/SUB, SSA, ASS	

Note: The specification and design is subject to change without any notice.

1.4 Package contents

- Scala HD Media player
- DC Adaptor (12V 2A)
- Remote control
- 2 x AAA batteries
- HDMI cable
- Composite AV cable
- USB cable for connection with PC
- Quick guide
- HDD screws
- CD with Bit Torrent P2P software and installation manual

2 HDD Installation

NOTE: The SCALA Media Player can play media files from external storage via USB or Network without an internal drive. Installing the internal drive enables you to store files locally for easy access, backup or simply to free up space on your PC.

Step 1 Open the box by undoing the two securing screws and sliding the system out of the aluminium housing



Step 2 Place the HDD on the tray aligning the SATA connectors and gently insert the HDD until fully connected



Step 3 Secure the HDD with two screws provided

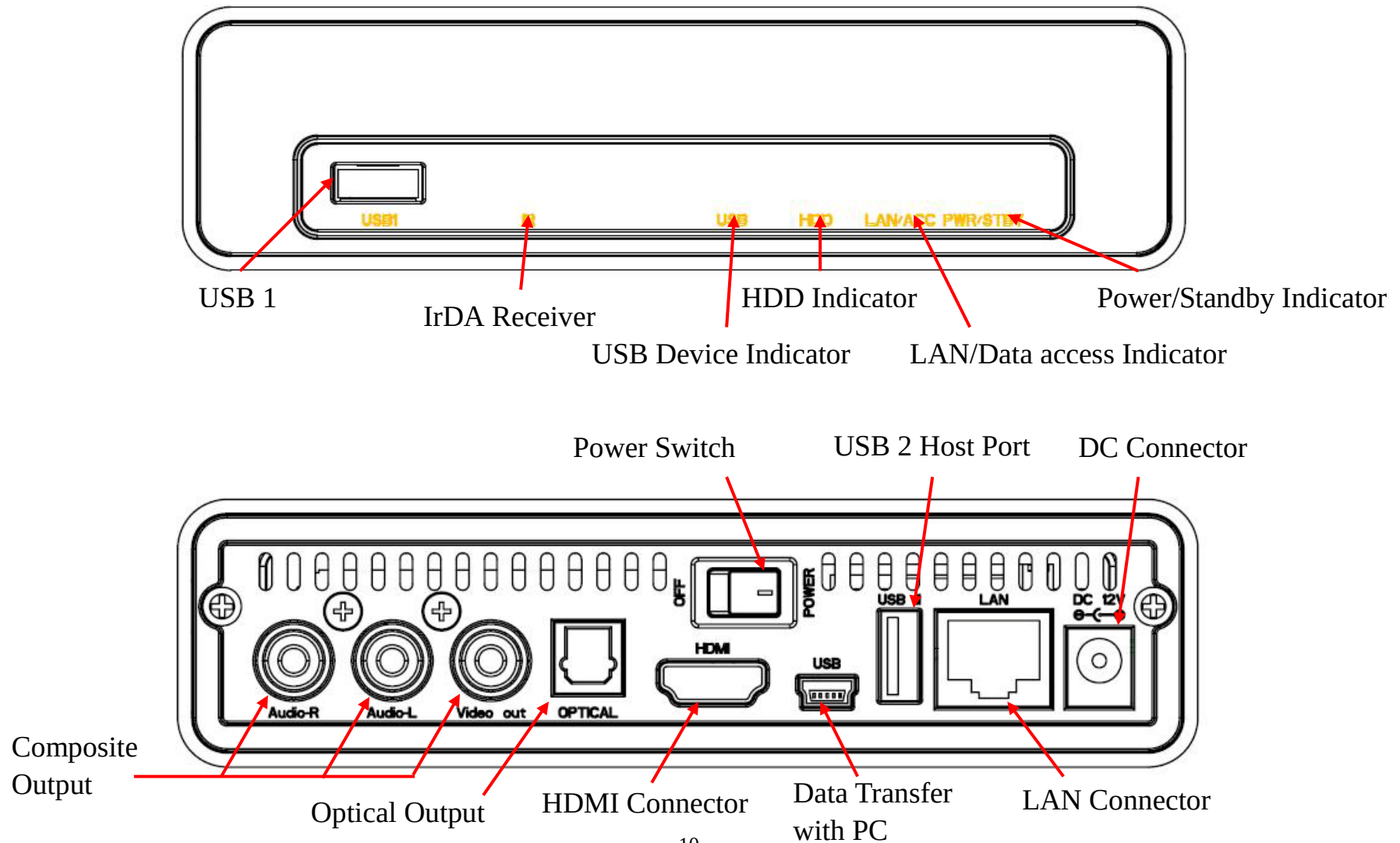


Step 4 Slide the system back into the enclosure and secure with the screws on both corner.



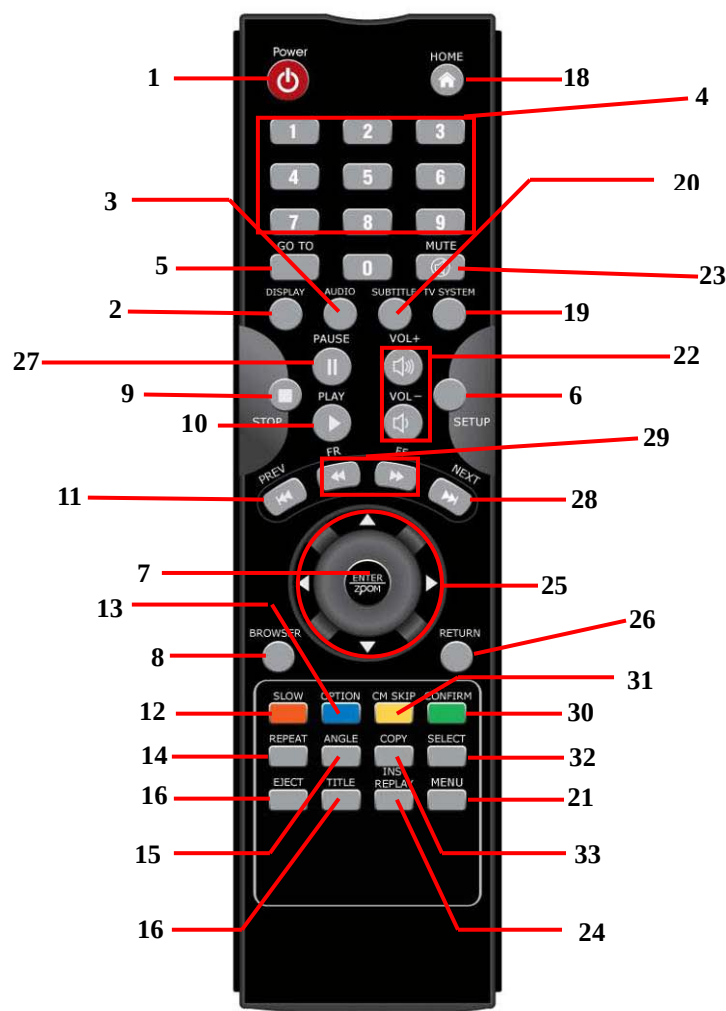
3 Setting the Scala HD Media Player

3.1 Front / Back Panel layout



3.2 Remote control layout

Please make sure that you've installed the AAA battery into the remote control.



- | | | |
|-------------------|----------------|-------------|
| 1. POWER | 16. EJECT | 31. CM SKIP |
| 2. Display | 17. TITLE | 32. SELECT |
| 3. Audio | 18. HOME | 33. COPY |
| 4. Number Buttons | 19. TV SYSTEM | |
| 5. GOTO | 20. SUBTITLE | |
| 6. Setup | 21. MENU | |
| 7. Enter/ZOOM | 22. VOL + / - | |
| 8. Browser | 23. MUTE | |
| 9. STOP | 24. REPLAY | |
| 10. PLAY | 25. Navigation | |
| 11. PREV | 26. RETURN | |
| 12. SLOW | 27. PAUSE | |
| 13. Option | 28. NEXT | |
| 14. REPEAT | 29. FR/FF | |
| 15. ANGLE | 30. CONFIRM | |

3.3 Connecting Scala HD Media Player to your TV

Connect either HDMI or Composite cable from the Scala HD Media Player to your TV.

- When connecting the HDMI cable to the TV, the device will detect the highest resolution suited for your TV.
- When connecting the Composite cable (CVBS) to TV, please make sure your TV is either PAL or NTSC system.

3.4 Initiating the Scala HD Media Player (optional)

If you have installed factory new HDD inside and you are using the Scala HD Media Player for the first time, you will be asked to format the hard drive and you should follow the onscreen wizard otherwise go to next step.



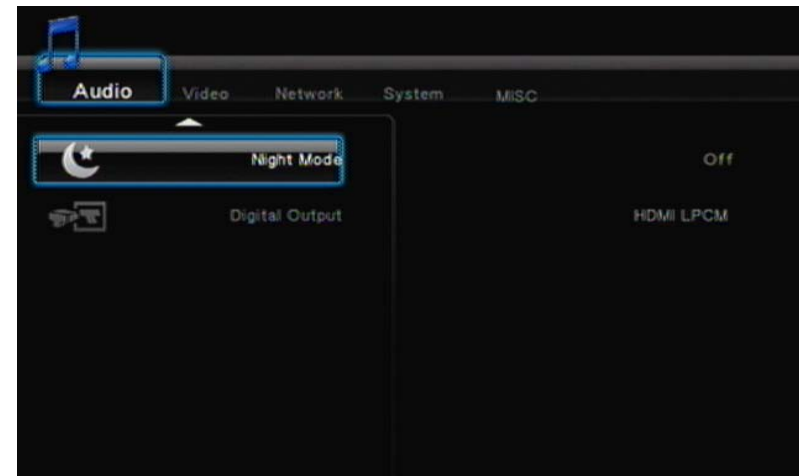
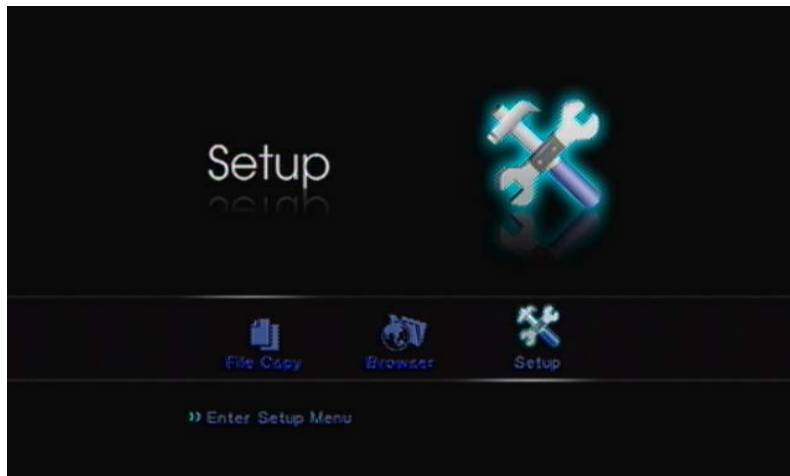
4 System Menu

Switch on the system power and select appropriate HDMI or composite connection on TV menu. You should be able to see the main system menu screen with three options:

- **File Copy** – select to move files between internal / external storage and network
- **Browser** – select to search and play music, photo or video files
- **Setup** – select for system configuration

4.1 Setup

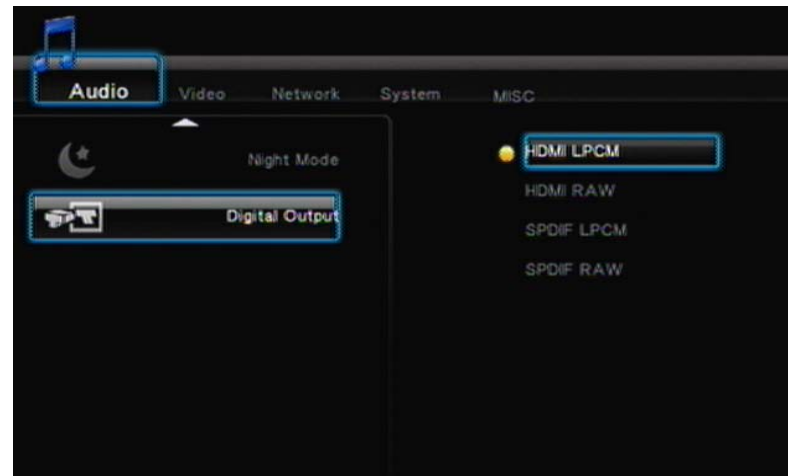
Through main screen menu, you will be able to enter into the Setup page which contains five options: Audio, Video, Network, System and MISC. You can press ENTER (Key 7) to access each setting.



4.1.1 Audio setup

This setting is focusing on the outputs of Audio. There are 5 digital outputs, HDMI LPCM (2CH), HDMI LPCM Multi CH , HDMI RAW, SPDIF LPCM and SPDIF RAW.

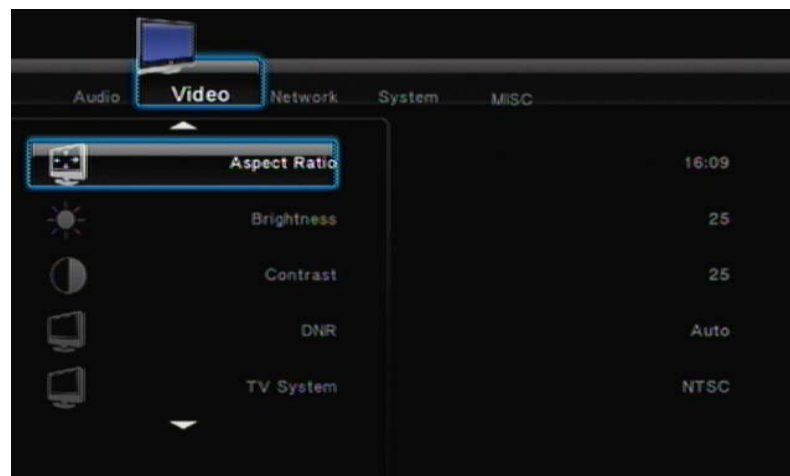
- HDMI LPCM (2CH): When player audio output connects to TV via HDMI, the player will decode audio as STEREO.
- HDMI LPCM Multi CH: When player audio output connects to TV via HDMI, the player will decode audio as STEREO.
- HDMI RAW: When player audio output connects to amplifier via HDMI, the player will send the RAW data to amplifier. Amplifier will decode RAW data into multiple audio channels such as 5.1 or 7.1.
- SPDIF LPCM (2CH): When player audio output connects to amplifier via SPDIF, the player will decode audio as STEREO through amplifier.
- SPDIF RAW: When player audio output connects to amplifier via SPDIF, the player will send the RAW data to amplifier. Amplifier will decode RAW data into multiple audio channels such as 5.1 or 7.1.



TIPS:

- If you only have HDMI TV, please choose HDMI LPCM(Stereo)
- If you have HDMI TV with HDMI amplifier, please choose HDMI RAW or HDMI LPCM(Stereo)
- If you have HDMI TV with SPDIF amplifier, please choose SPDIF RAW or SPDIF LPCM(Stereo)

4.1.2 Video setup



- Aspect Ratio: Please choose one that is suitable for your TV system. Pan Scan 4:3, Letter Box 4:3, 16:09 and 16:10.
Pan Scan 4:3 : Keep the height of wide screen, and cut off the right/left screen to fit the 4:3 TV system.
Letter Box 4:3 : Keep wide screen, and black border will be covered on the top and bottom of screen to fit the 4:3 TV.
16:9 : Choose 16:9 to fit 16:9 TV system.
16:10 : Choose 16:10 to fit 16:10 TV system.

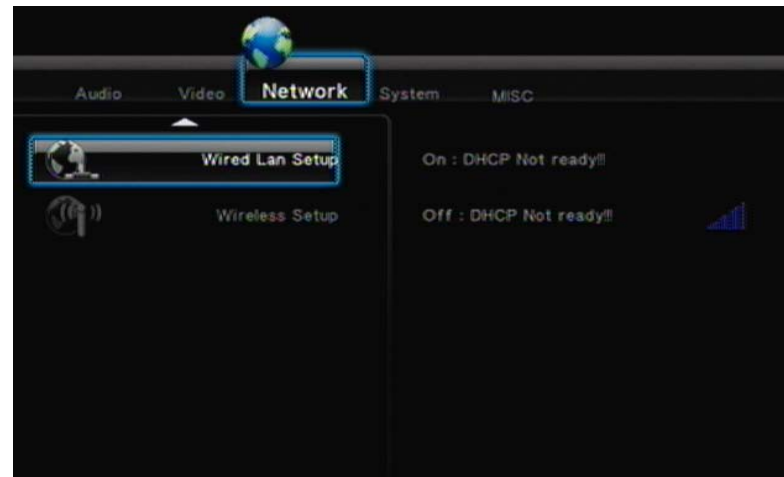
- TV System: Choose the right resolution of output to TV.

TV System and Resolution	Standard Resolution(SD)	High Definition Resolution(HD)
NTSC	NTSC, 480p	720p@60Hz, 1080i@60Hz, 1080p@60Hz
PAL	PAL, 576p	720p@50Hz, 1080i@50Hz, 1080p@50Hz

TIPS:

- Only HDMI supports High Definition Resolution
- Connect player to TV via HDMI, TV will notify player that what resolution it supported. If TV doesn't support one of resolution, it will be un-selectable
- In case if you choose a wrong resolution and your TV screen go black, you always can connect CVBS to get your right resolution to TV

4.1.3 Network setup

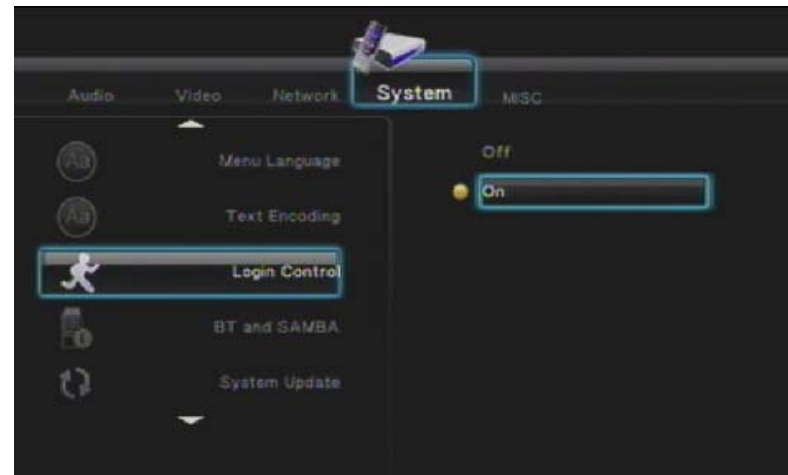


- **Wired LAN Setup:** Select to set the network settings between DHCP (AUTO) and DHCP (Manual). If you have a network device such as Router, it should assign IP by itself and you will be able to see it on the screen. Please select DHCP (Auto). Otherwise, please make sure your IP address, subnet mask and default gateway, then enter them manually.
- **Wireless Setup (Optional):** Select to set the wireless network setting. When plug-in a USB WI-FI dongle, the player will detect the dongle automatically.

Note 1: Only certain USB dongle will work with this device therefore we recommend the Akasa AK- NTWF01

Note 2: The player with WIFI dongle will only be able to recognize the WEP with Open system, and only the Key 1 will be recognized. Also, only WPA-Personal, WPA2-Personal and WPA-AUTO Personal are recognizable for the player.

4.1.4 System setup



- Menu Language: Select language. There are English, Traditional Chinese, Spanish, French, German, Italian, Dutch, Russian and Simplified Chinese available.
- Text Encoding: This setting is to display subtitle, file name and folder name in your language. Please select Unicode (UTF8), Simplified Chinese or Traditional Chinese. If select wrong setting, it might cause the unknown characters.
- Login Control: Select ON to enable File Sharing and BT web management access control.
- BT and SAMBA: To enable File Sharing and BT services.
- System Update: Select this setting to update the newest firmware. Please follow the steps below.
 1. Prepare a USB flash drive or USB external hard disk and connect it to PC, then copy the firmware file to the root folder
 2. Plug in USB flash drive or USB external hard disk into the USB 1 or USB 2 host port of player
 3. Select System Upgrade, press OK to proceed
 4. Please wait for about 5 minutes. During the upgrade procedure, the system may reboot repeatedly please DO NOT turn off the power or unplug the USB drive with new firmware.
 5. . When finish, player will reboot automatically and return to the main menu.
- HDD Format: When you install a brand new 2.5" SATA HDD, you will possibly require HDD format. Press OK, the system will format the HDD.

- Restore to Default: Once you press this function, all setting will be back to default.

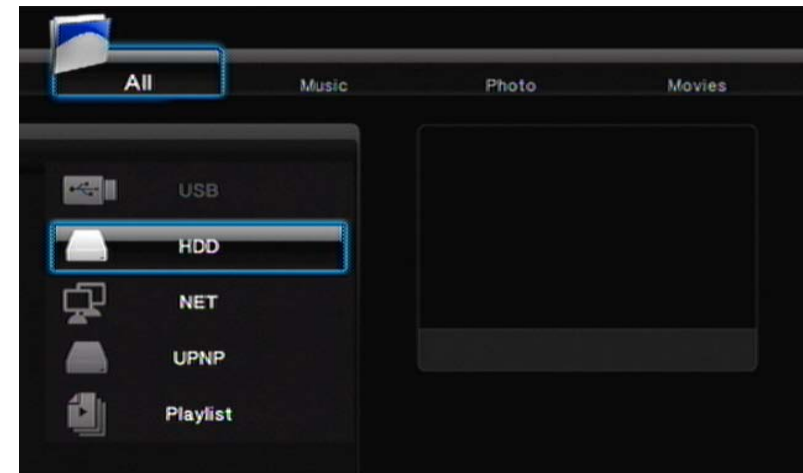
4.1.5 MISC setup



- Resume Play: Select to turn ON/OFF to resume from video once you STOP the movie.
- Slide Show Timing: This function is to set the timing of picture showing on TV. There are options of OFF/2 Sec/5 Sec/10 Sec/30 Sec/1 Min/2 Min.
- Transition Effect: Select effect for slide show.
- Ken Burns: Default active play mode.
- Background Music: Play background music during slide show.
- Screen Saver: Screen saver will activate if there is no any action of browsing for 5 minutes.
- Movie Preview: Select On/Off for movie preview.
- Seamless Playback: Select On/Off to make the movie file (.ts) play smoothly.

4.2 Browser

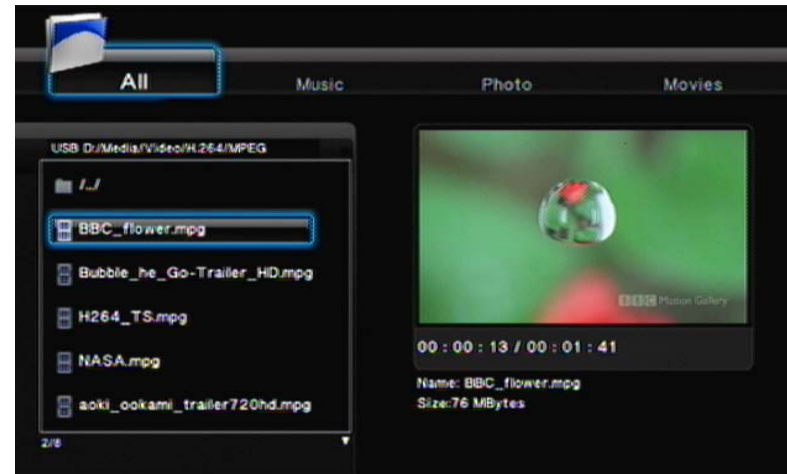
You may use this player to play Music, Photo and Movie by plug-in USB Flash Drive, USB External Hard Disk and etc. When enter into the Browser icon you will be able to browse all media files where you stored in 2.5" Hard Disk, USB Flash Drive or USB External Hard Disk.



- When plug-in USB device into player, wait about a few seconds, the USB LED indicator will be lighted. And then you can browse the media files. Once you remove the USB device from player, the USB LED indicator will be off.
- By pressing Navigation Right/Left (Key 25) buttons on remote control to select whether you would like to browse Music only, Photo Only, Movie only or Browse All. You may press RETURN (Key 26) anytime when you want to return to last page.
- By pressing Navigation Up/Down (Key 25) buttons on remote control to select whether you would like to browse USB, HDD, NET, UPNP or Playlist. You may press RETURN (Key 26) at anytime when you want to return to previous page.

4.2.1 Play Movies

Select Movie or All tabs to browse movie files. In the browser, use Up/Down (Key 25) to select a file or a folder, and then press Enter (Key 7) to play the file or open the folder. You may press RETURN (Key 26) back to previous page. In the browser, moving the scroll bar to movie file, you will see the preview on the right side window.



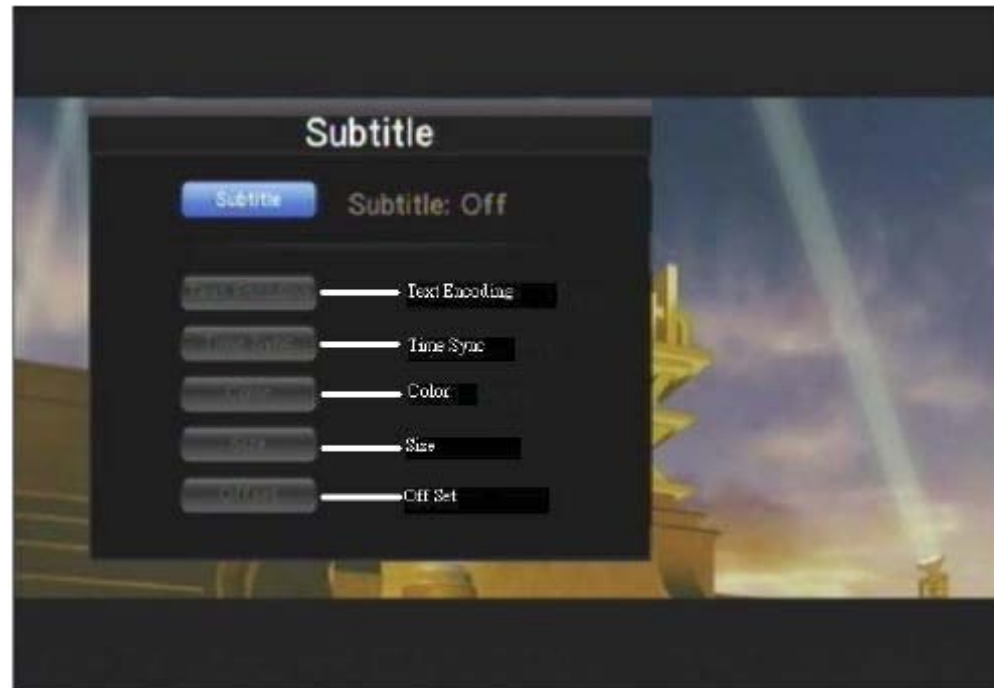
- Press PLAY (Key 10) on remote control to play the movie.
- Press STOP (Key 9) on remote control to stop the movie.
- Press PAUSE (Key 27) on remote control to pause.
- Press FF/FR (Key 29) on remote control to Fast Forward or Backward.
- Press NEXT (Key 28) / PREV (key 11) on remote control to go next or previous chapter if applicable.
- Press SUBTITLE (Key 20) on remote control to enable or switch subtitles. This player supports srt, sub, smi, idx+sub, ssa, ass. Please rename the subtitle file name to be same as movie file name. Multi-Subtitle can be the same file name; the play will show the option for you to choose.
 1. Text Encoding: This setting is to display subtitle, file name and folder name in your language. Please select Unicode (UTF8), Simplified Chinese, Traditional Chinese, Western, Turkish, Central European, Greek, Cyrillic, Hebrew, SE Europe. If wrong setting is selected, unrecognizable characters may be seen.
 2. Time Sync: Adjust the time of subtitle.

3. Color: Adjust the color of subtitle.
4. Size: Adjust the size of subtitle.
5. Off set: Adjust the position of subtitle.

Adjust the navigation key in playing mode :

Horizontal: Adjust the size of subtitle.

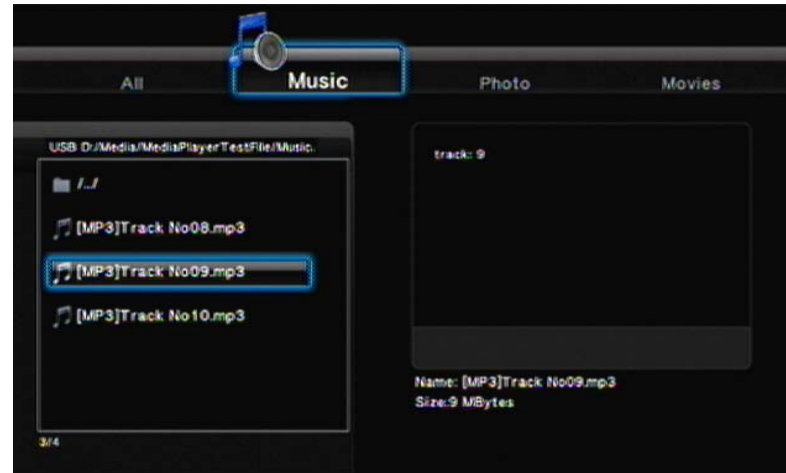
Vertical: Adjust the position of subtitle.



- Press AUDIO (Key 3) on remote control to switch different audio outputs.
- Press VOL +/- (Key 22) on remote control to increase or decrease the volume.
- Press MUTE (Key 23) on remote control to mute the audio output; press again to resume.
- Press SELECT (Key 32) on remote control to add the movie into PLAYLIST. Press CONFIRM (Key 30) to confirm.

4.2.2 Play Music

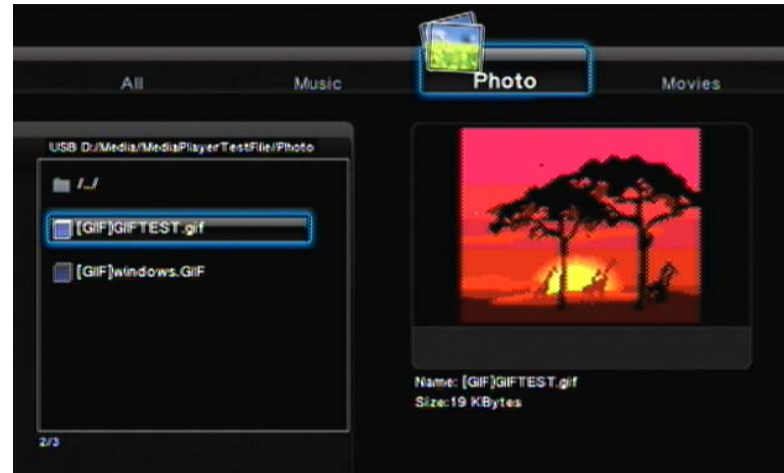
Select Music or All tabs to browse music files. In the browser, use Up/Down (Key 25) to select a file or a folder, and then press Enter (Key 7) to play the file or open the folder. You may press RETURN (Key 26) back to previous page. In the browser, moving the scroll bar to music file, you will see the music information on the right side window.



- Press PLAY (Key 10) on remote control to play the music.
- Press STOP (Key 9) on remote control to stop the music.
- Press PAUSE (Key 27) on remote control to pause.
- Press FF/FR (Key 29) on remote control to Fast Forward or Backward.
- Press REPEAT (Key 14) on remote control to repeat the same music; press again to repeat all music.
- Press VOL +/- (Key 22) on remote control to increase or decrease the volume.
- Press MUTE (Key 23) on remote control to mute the audio output; press again to resume.
- Press SELECT (Key 32) on remote control to add the music into PLAYLIST. Press CONFIRM (Key 30) to confirm.

4.2.3 Show Photo

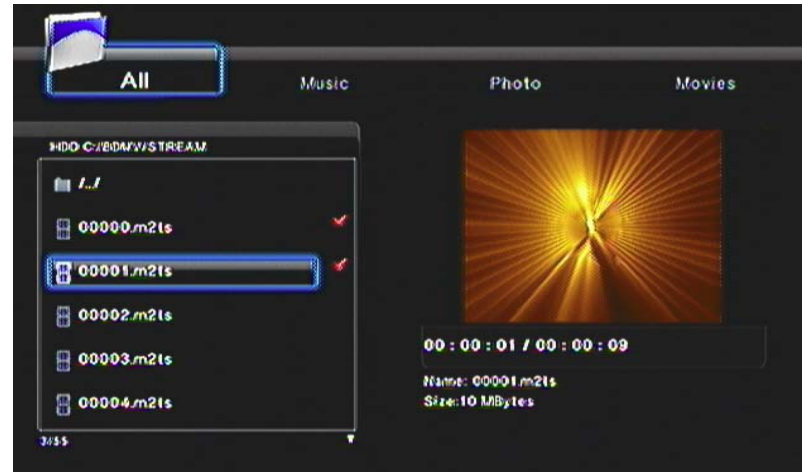
Select Photo or All tabs to browse photo files. In the browser, use Up/Down (Key 25) to select a file or a folder, and then press Enter (Key 7) to play the file or open the folder. You may press RETURN (Key 26) back to previous page. In the browser, moving the scroll bar to photo file, you will see the photo on the right side preview window.



- Press PLAY (Key 10) on remote control to play the photo.
- Press STOP (Key 9) on remote control to stop the photo.
- Press PAUSE (Key 27) on remote control to pause.
- Press VOL +/- (Key 22) on remote control to increase or decrease the volume.
- Press SELECT (Key 32) on remote control to add photo into PLAYLIST. Press CONFIRM (Key 30) to confirm.

4.2.4 Adding contents to PLAYLIST

Playlist creates a shortcut to allow quick access to the media files. You can play all selected files together regardless of different folders they are located in.



- Go to Browser and go to the media files that you'd like to put in the PLAYLIST
- Press SELECT (Key 32) to choose file(s)
- Press CONFIRM (Key 30) to add the file(s) into the PLAYLIST

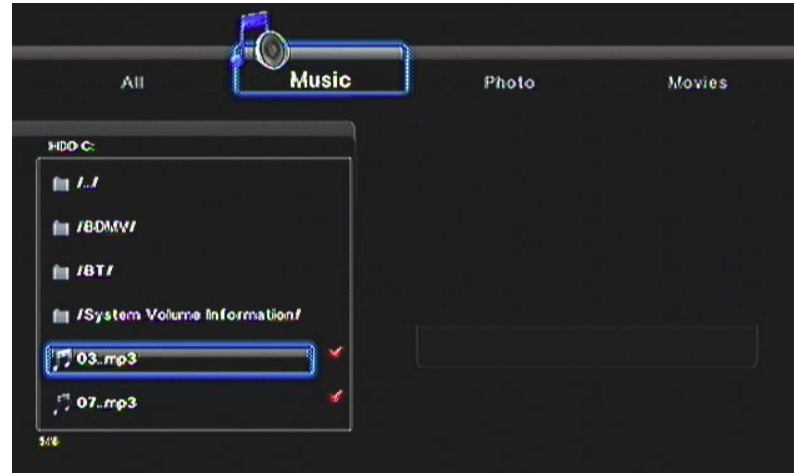
Then, you will see the file(s) that you selected in PLAYLIST

TIPS:

- PLAYLIST function is only available if you installed 2.5" SATA HDD into the player; the function is not available for any USB device such as USB external HDD
- You can only select files; folder is not selectable

4.2.5 Adding contents to PLAYLIST

You may run the slide show to see your photos on TV while listening to selected music.



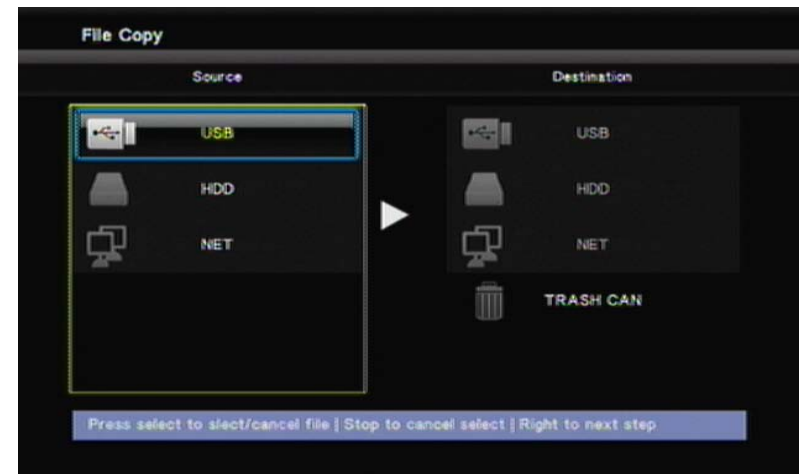
- Go to Setup → MISC → Slide Show Timing and set the timing for slide show.
- And then, go to Background Music and set the source of music files from Folder or PLAYLIST
- Go back to Browser and press Right/Left to choose the Music tab
- Add music files into PLAYLIST. Press SELECT (Key 32) to select and press Confirm (Key 30) to confirm
- Press Right/Left to choose the Photo tab and choose photos that you'd like to play slide show with
- Press PLAY (Key 10) or ENTER (Key 7) to play the slide show

TIPS:

- If you set the Background Music source as Folder, you have to put photo files and music files in same folder, so that you can have slide show with background music when playing

4.3 File Copy

This function will allow you to copy file(s) between USB, HDD and NET. If you move file(s) to trash, the file will be deleted. You also can press COPY (Key 33) to go to File Copy menu at anytime.



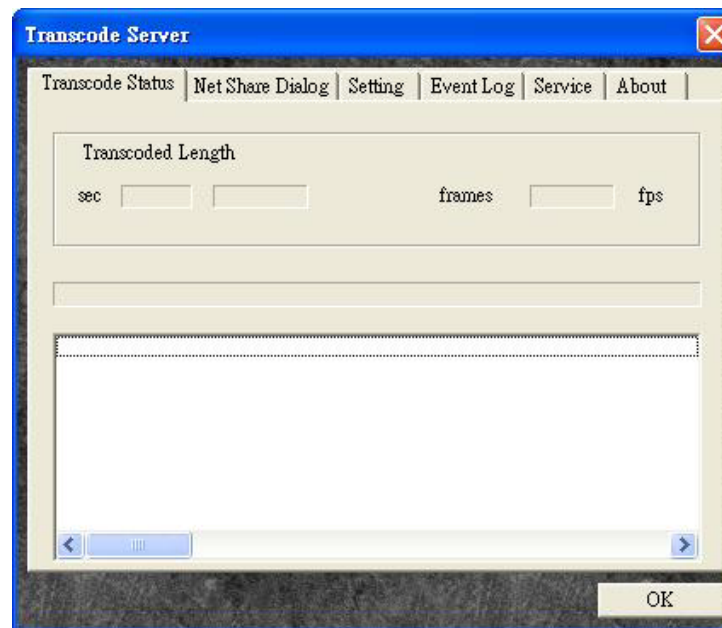
- Use Up/Down (Key 25) to move the scroll bar and choose the source and destination. Press ENTER (Key 7) to proceed.
- Press ENTER (Key 7) to go into folders for both Source and Destination.
- Press SELECT (Key 32) to select the source file that you want to copy. Press again to cancel the selection.
- Press RIGHT (Key 25) to COPY file to the chosen destination. Then choose OK to copy, Move to move the chosen file(s) or Cancel the copy.
- If you choose Destination to TRASH CAN, the file(s) will be deleted.

5 Transcoding Software

After installing Transcode Server software on your PC, you will be able to run BT download and File Sharing function on Scala HD Media Player.

5.1 Install and run under Transcode Server

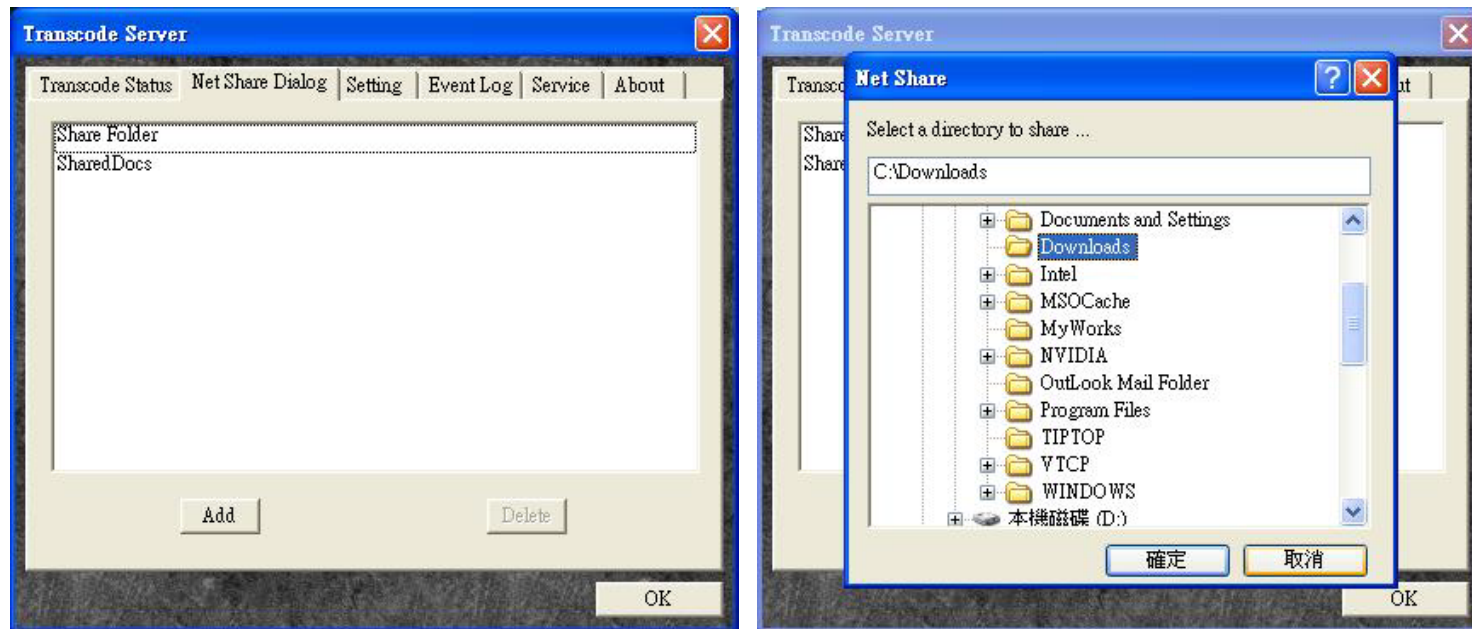
Please find the software of Transcode Server in CD disc, and install  to your PC. After installation run Transcode Server from **Start/All Programs/Transcode Sever** menu. You should see the screen as below:



5.2 Adding Share Folders on PC

Adding share folder(s) to *Transcode Server* on the PC will allow the Scala HD Media Player to quickly find the shared folders on the intranet.

Go to *NetShare Dialog* tab and press *Add* button. Select the folder (or create new one by typing in a name) which will be visible as *My_Neighbors* by media center in the **NET** section of **Browser** and **File Copy** menu and press **OK**.



TIPS: The shared folder will be visible by the Scala HD Media Player as long as the Transcode Server is running on the PC.

5.3 Connecting to File Sharing folders and BT download management

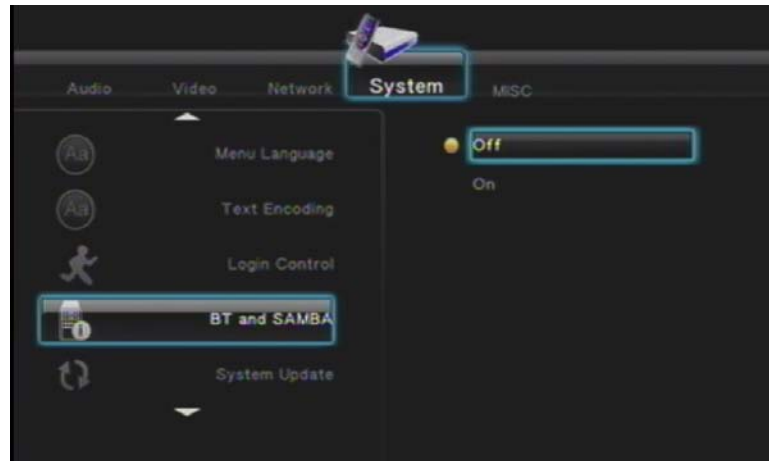
Please make sure your Network Connection is plugged in and IP had been assigned to the Scala HD Media Player (either from DHCP server or fixed IP). If you have set up the Scala HD Media Player correctly, you will see the IP address in the **Service tab**. If not, please click on **Scan** button to obtain an IP address.



Note: Before setting up File Sharing and BT download management, ensure the 2.5” SATA Hard Disk is installed into Scala HD Media Player.

5.3.1 Set up the Scala HD Media Player

Before you have access to File Sharing folder or BT download management, you will need to set up the player. Please go to the main menu of player, and then clicks as following: **Setup** → **System**.

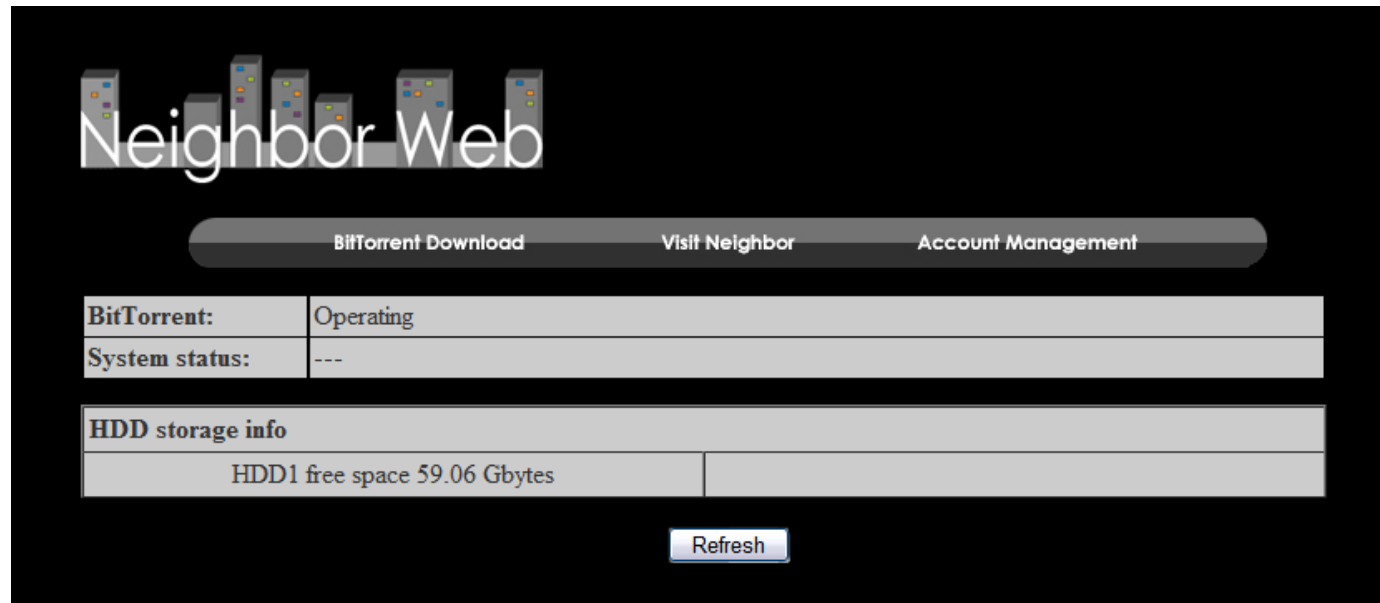


Move the scroll bar down to **BT and SAMBA**, and then press OK on remote control. The system will show two selections (On/Off). Move the scroll bar down to On and then press OK, it will enable the BT and SAMBA function.

5.3.2 Connect to File Sharing Folder

Click on “Visit Neighbor” on **Service** tab of the Transcode Server software on the PC. You will be redirected to the File Sharing folders. Locate the 2.5” SATA HDD installed inside the Scala HD Media Player. You will be able to browse all its contents, copy, move and delete the files.

5.3.3 Connect to BT Download Management



Windows OS

Click on “Neighbor Web” on **Service** tab of the Transcode Server, it will lead to the P2P download web user interface. You will be able to add/delete BT seeds with user interface. If you set the Login Control as ON, login account and password are required. The default account name and password are same as 5.3.4.

Mac OS

Open url "http://xxx.xxx.xxx.xxx" in your browser where the xxx.xxx.xxx.xxx is IP address of your Scala HD Media Player. You can find the IP address in Scala HD Media Player setup page > Network menu.

5.3.3.1 Setting

Neighbor Web

BitTorrent Setting

Rate

Max download rate (0 = no limit) : 0 KB/s

Max upload rate (0 = no limit, default 20) : 20 KB/s

If within 1 Hr. no download process it will auto stop , switch to next Item automatically .

Seed Setting

Seeding time is 24 Hr. (0 means disable uploading)

Delete the torrent file automatically. NO

Simultaneous setting

Max simultaneous download tasks number 4

Save Setting return default

You will need to set up the settings before you use P2P download. Please click on **BitTorrent Download** and then click on **Setting** tab:

Max Download Rate: Set the maximum download speed. Set to “0” is no limit.

Max Upload Rate: Set the maximum upload speed. Set to “0” is no limit. Default setting is 20KB/s.

Seeding time: Setting of how long you would like to keep sharing the seed once task finished. Default is 24 hours; set to “0” mean not sharing after finished.

Delete the torrent file: When finish, the system will delete the torrent task automatically. Default setting is NO.

Max simultaneous download task number: Setting of how many tasks you would like to run at the same time. Default setting is 4 tasks. Maximum is 10 tasks.

When finish the setting, please click on the “Save Setting” to save all settings.

NOTE: Please be aware that overloading BT tasks would impact the performance of the Scala HD Media Player. It is recommended to leave the device idle when performing BT download.

5.3.3.2 Adding seeds



1. Click on “+Add new torrent” to add a new download task.



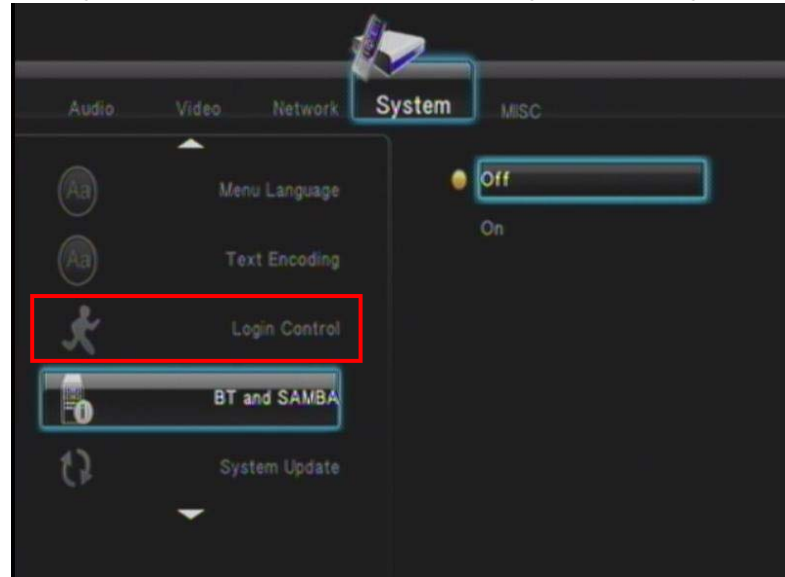
2. Click on “Browse” button to select where you stored the seed file.
3. Click on “Yes” button to confirm the task and back to download main page or click on “No” back to download page.

5.3.3.3 Delete Task

1. Click on “Check box” to select task in which you would like to delete
2. Click on “Delete” tab on the top to delete the task

5.3.4 Account Management

Please enable the “Login Control” under System of Scala HD Media Player before you click on Account Management.

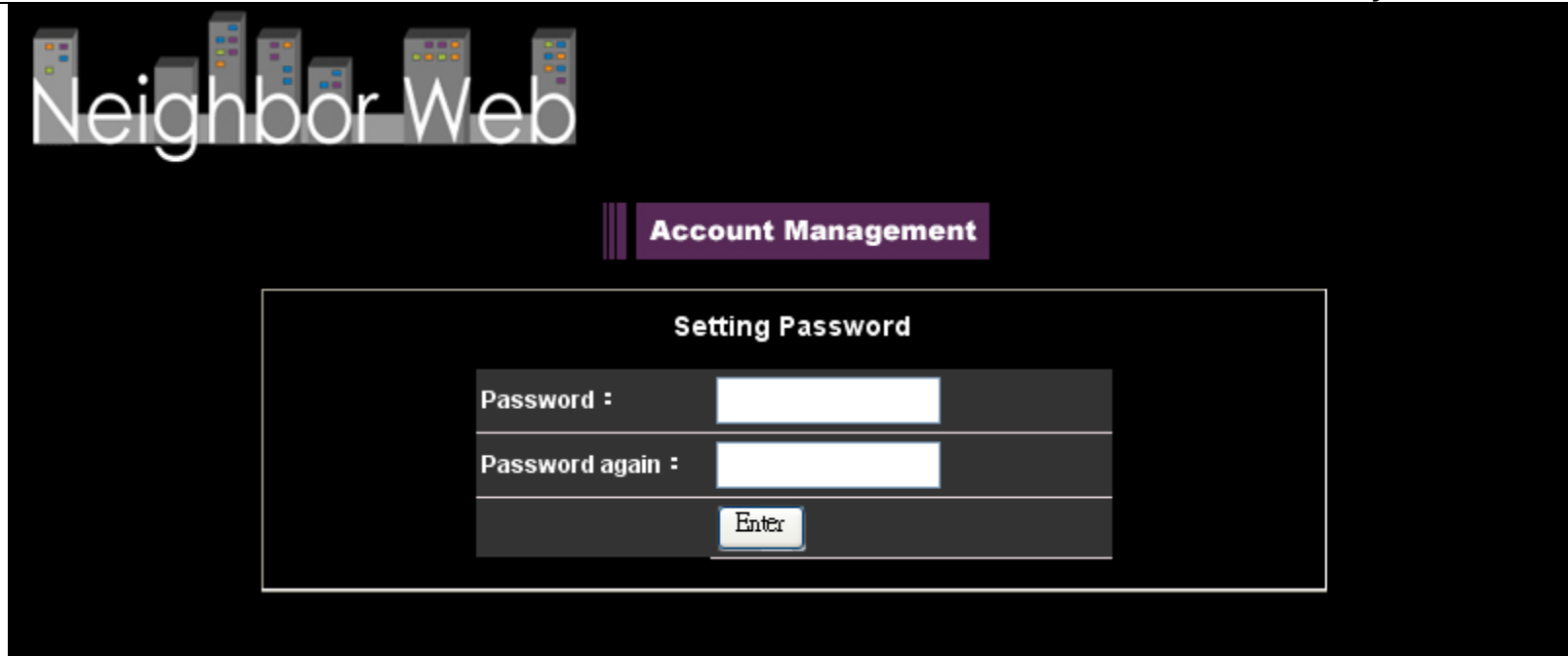


After the Login Control is set, the system will require you to login.

Account name: admin

Password: 123

Click on Account Management of Neighbor Web, you will be able to modify your password. Click on Enter to modify new password.



The image shows a web interface for 'Neighbor Web' with a dark background. At the top left, there is a logo consisting of several stylized buildings of varying heights, each with small colored squares (yellow, blue, red) on its facade. To the right of the logo, the text 'Neighbor Web' is written in a large, white, sans-serif font. Below this, centered, is a purple rectangular button with the text 'Account Management' in white. Underneath the button is a white-bordered rectangular box containing the 'Setting Password' form. The form has a title 'Setting Password' at the top. It contains two rows of input fields: the first row is labeled 'Password :' and the second row is labeled 'Password again :'. Each label is in white text on a dark background, followed by a white rectangular input field. Below these two rows is a single row containing a button labeled 'Enter' in a light blue box with a thin border.

Neighbor Web

Account Management

Setting Password

Password :

Password again :